

REMARKS/ARGUMENTS

This Amendment and the following remarks are intended to fully respond to the Advisory Action dated November 7, 2005. In that Advisory Action, claims 1-23 were examined, and all claims were rejected. More specifically, claims 22 and 23 stand rejected under 35 U.S.C. § 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections; and claims 1-23 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over prior art of record “Compiler Transformations for High-Performance Computing” by Bacon et al (hereinafter “Bacon”) in view “Developing a Tool for Memoizing Functions in C++” by McNamee et al. (hereinafter “McNamee”) and further in view of “Improving the Performance of AI Software Payoffs and Pitfalls in Using Automatic Memoization” by Hall et al. (hereinafter “Hall”). Reconsideration of these rejections, as they might apply to the original and amended claims in view of these remarks, is respectfully requested.

In this Response, claims 1 and 12 have been amended; claims 22 and 23 have been canceled; and no new claims have been added.

Claim Rejections – 35 U.S.C. § 112

Claims 22 and 23 stand rejected under 35 U.S.C. § 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections. Claims 22 and 23 have been cancelled, and thus, the rejection has been rendered moot.

Claim Rejections - 35 U.S.C. § 103

Claims 1-23 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over prior art of record “Compiler Transformations for High-Performance Computing” by Bacon et al in view “Developing a Tool for Memoizing Functions in C++” by McNamee et al. and further in view of “Improving the Performance of AI Software Payoffs and Pitfalls in Using Automatic Memoization” by Hall et al. Applicant and Examiner held an interview to discuss the rejections as discussed below.

Examiner Interview

Applicant would like to thank the Examiner for his candor and help in discussing the present application. During the interview held on November 21, 2005 between the Examiner, Mr. James Derek Rutten, and Applicant's attorney, Mr. Tadd Wilson, Examiner stated that the response and amendment filed by Applicant on September 19, 2005 was admitted and is part of the record. The present invention and the cited prior art were discussed. Examiner made some suggestions for amending the claims. These suggestions are reflected in the amendments made to claims 1 and 12. With the current amendments, Applicant believes that the claims are now allowable over the cited prior art and respectfully request the Examiner to provide a notice of allowance at his earliest convenience.

Conclusion

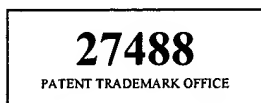
This Amendment fully responds to the Advisory Action mailed on November 7, 2005. Still, that Advisory Action may contain arguments and rejections and that are not directly addressed by this Amendment due to the fact that they are rendered moot in light of the preceding arguments in favor of patentability. Hence, failure of this Amendment to directly address an argument raised in the Advisory Action should not be taken as an indication that the Applicant believes the argument has merit. Furthermore, the claims of the present application may include other elements, not discussed in this Amendment, which are not shown, taught, or otherwise suggested by the art of record. Accordingly, the preceding arguments in favor of patentability are advanced without prejudice to other bases of patentability.

A Petition for an Extension of Time is enclosed. Please charge Deposit Account No. 13-2725 the amount of \$20.00 to cover the required fee for a large entity. It is believed that no further fees are due with this Response. However, the Commissioner is hereby authorized to charge any deficiencies or credit any overpayment with respect to this patent application to deposit account number 13-2725.

In light of the above remarks and amendments, it is believed that the application is now in condition for allowance, and such action is respectfully requested. Should any additional issues need to be resolved, the Examiner is requested to telephone the undersigned to attempt to resolve those issues.

Respectfully submitted,

Dated: November 23, 2005



A handwritten signature in black ink, appearing to read "Tadd F. Wilson". The signature is fluid and cursive, written over a horizontal line.

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